Fusion3

F200 3D Printer

MAINTENANCE:
FILTER REPLACEMENT

Revision 1/21/2026

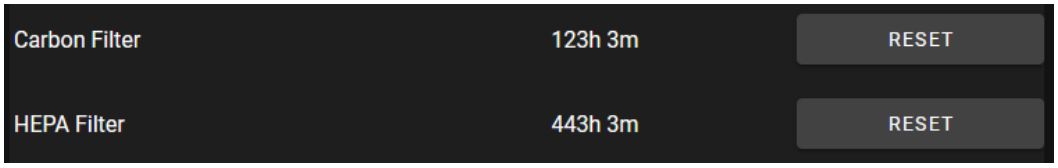
REPLACING THE PRINT CHAMBER AIR FILTERS

How to replace the print chamber recirculating air filters on your F200.

WHEN TO SERVICE

The on-board maintenance counters & reminders will prompt you when it is time to replace the air filters.

There are two timers: one for the carbon filter and one for the HEPA. They are replaced on different schedules since the carbon element does not last as long as the HEPA element.



The timers count fan-on time, so any time the filter fan is running the filter timers will count. The filter fan runs any time any of the following are true:

- Chamber > 40C
- Bed > 45C
- Print head > 45C

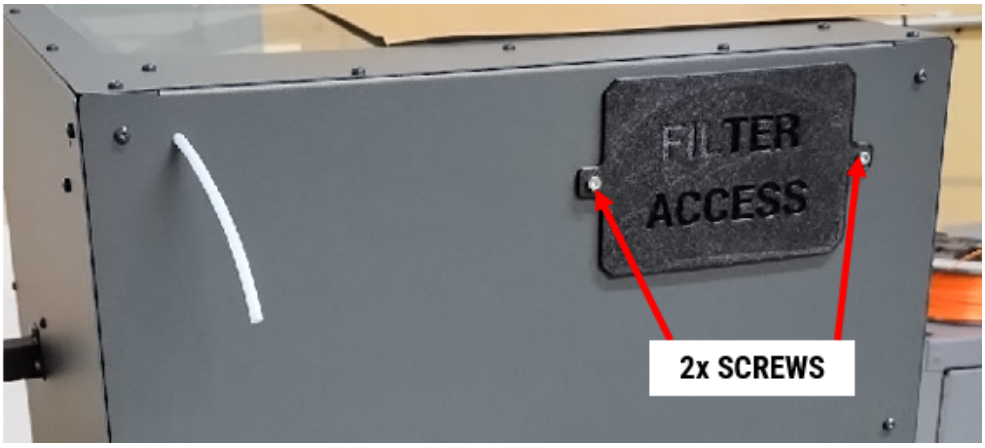
IMPORTANT: Failure to replace the filters on schedule may result in reduced airflow through the system, leading to higher chamber temperatures and more uneven heating in the print chamber. These higher temperatures may cause components to fail prematurely, and these failures may not be covered under your warranty.

HOW TO SERVICE

Replacement filter elements can be purchased in our store HERE.

Your printer should be idle or off. Don't change the filter element while it's printing.

1. Position the printer so you can access the rear.
2. Remove the 2 M3 screws that hold the filter panel on.



3. You can leave the filter fan plugged in if you want.
4. Remove the appropriate filter element and replace it.
5. Carbon element goes in first
6. HEPA element goes on top, with the foam gasket facing OUT.

7. Slide the filter housing back into the hole in the rear panel.
8. As you install it, make sure it's not sitting on top of any wires. Look through the intake holes in the bulkhead to verify.
9. Install and tighten the screws finger tight.
10. Reset the maintenance timer(s).